

This listing of claims will replace all prior versions, and listings, of claims in the application:

**In the Claims:**

1. (Currently Amended) An apparatus comprising:

~~An~~ an integral molded part of a plastic material for the analysis and preparation of substances, having at least one surface region and an interior region, wherein said at least one surface region is an open-pore three-dimensional network.

2. (Currently Amended) The ~~molded part~~ apparatus according to claim 1, ~~characterized in that~~ wherein said interior region has no open pores.

3. (Currently Amended) The ~~molded part~~ apparatus according to ~~either of claims claim 1 or 2~~, characterized in that wherein said plastic material is selected from the group consisting of polyamides, polysulfones, polyesters, polycarbonates and ~~as well as~~ copolymers and mixtures thereof.

4. (Currently Amended) The ~~molded part~~ apparatus according to ~~any of claims claim 1 to 3~~, characterized in that wherein at least one reactant is ~~reactants are~~ bound to at least a part of said at least one surface region.

5. (Currently Amended) The ~~molded part~~ apparatus according to claim 4, ~~characterized in that~~ wherein said reactant is ~~reactants are~~ selected from the group

consisting of proteins, nucleic acids, carbohydrates, lipids, affinity ligands, and effectors of enzymes.

6. (Currently Amended) The ~~molded part~~ apparatus according to ~~either of claims claim 4 or 5, characterized in that~~ wherein said reactant is ~~reactants are~~ bound through a reactive side ~~chain~~ chains of said plastic material.

7. (Currently Amended) The ~~molded part~~ apparatus according to ~~any of claims claim 1 to 6, characterized in that~~ wherein said molded part is at least one of ~~designed as a~~ pipette tip, microtitration plate, piece of flexible tubing, rod, single or multiple vessel, immersed body sphere or plate.

8. (Currently Amended) A process for the preparation of ~~the~~ an integral molded part of a plastic material ~~according to any of claims 1 to 7, the molded part having at least one surface region and an interior region, the process comprising:~~

partially dissolving the plastic material on at least a part of the at least one surface region ~~wherein an integral molded part of a plastic material is partially dissolved on at least one surface region~~ to form an open-pore surface region which is a three-dimensional network.

9. (Currently Amended) The process according to claim 8, ~~characterized in that~~ further comprising:

chemically activating ~~chemical activation~~ of the surface region is

~~effected~~ before, simultaneously with or after ~~said~~ partially dissolving of the surface region.

10. (Currently Amended) A An integral molded part of a plastic material having at least one surface region and an interior region, obtainable by a process ~~according to claim 8 or 9~~ comprising:

partially dissolving the plastic material on at least a part of the at least one surface region to form an open-pore surface region which is a three-dimensional network.

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (New)           A process of using an integral molded part comprising:  
analyzing or preparing a biological substance using the integral molded part, the molded part formed of a plastic material having at least one surface region and an interior region, wherein the at least one surface region is an open-pore three-dimensional network.

15. (New)           The process according to claim 14, wherein analyzing the

substance further comprises identifying and quantifying an analyte.

16. (New)           The process according to claim 15, wherein identifying and quantifying an analyte further comprises determining a specific concentration of the analyte.

17. (New)           The process according to claim 14, wherein preparing the substance further comprises at least one of enriching a substance in a sample, depleting an interfering substance in a sample, or modifying an analyte in a sample.

18. (New)           The process according to claim 17, wherein modifying an analyte in a sample further comprises removing at least one of a phosphate, sugar or fatty acid moiety from the sample.